

SEAL INTEGRITY TESTER 13-25 MODEL 2600



FEATURES

- * Automatic pressure control
- * Burst and creep capability
- * 0.2% pressure accuracy
- * 0.3 in H₂O resolution
- * Serial data output

APPLICATIONS

Flexible package testing for Sterilized Medical Devices, Food and Pharmaceuticals.

The Seal Integrity Tester checks the seal integrity on a wide range of porous and non-porous flexible packages using a pressurized air burst test. Open and closed package test fixtures are available in a variety of standard and custom configurations.

These products are used to test the seal integrity of a flexible package, it automatically regulates air pressure to determine the seal strength. The creep test function checks the package seal under sustained pressure. The creep-to burst test function sequentially checks minimum required seal strength and maximum pressure at burst. Tests can also simulate high altitude conditions. The tester is ideal for performing burst and creep tests in accordance with ASTM F1140-2000 and is a valuable tool for users seeking ISO 11607 compliance.

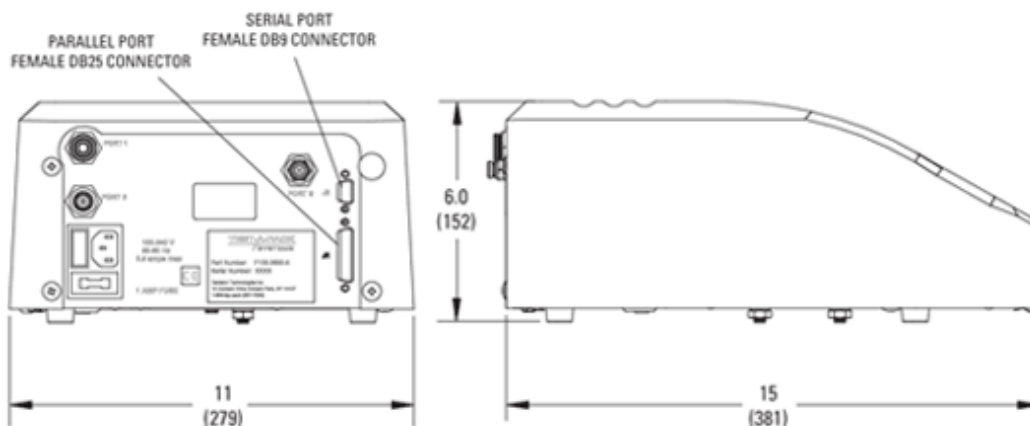
TEST PROCEDURE

This tester is a highly accurate, multifunctional pressure control and monitoring device. The burst test function automatically inflates the test sample until seal failure occurs. The creep test feature checks package seals under sustained pressure. The creep-to-burst feature sequentially checks minimum required seal strength and maximum pressure at burst. The operator sets test variables using easy to follow menu screens, and then initiates the test sequence by simply pressing the start button. Test results are displayed on the screen and are held in memory. The tester includes a parallel printer port and a serial output port for easy interface with a PC.

TEST FIXTURE ACCESSORIES

- Closed Package Test Fixture provides a stable platform to perform pressurized seal strength tests on closed, flexible packages and lidded trays. It's capable of testing a wide variety of porous and non-porous packages with a maximum height of 18".
- Open Package Test Fixtures provides an easy to use, stable platform for conducting pressurized seal strength testing on porous and non-porous flexible pouches and bags. It's capable of testing a wide variety of packages with a maximum width of up to 24". Optional restraining plates are available for restrained package testing of pouches up to 14" wide by 20" long.





SPECIFICATIONS

Air Source	70 to 100 psig dry, oil-free, instrument quality air	
Electrical Power	85-264 VAC at 47-63 Hz	
Input/Output	DB25 female parallel printer port, DB9 female serial port	
Environment		
Temperature		
Operating	40 to 110 deg F	(4 to 43 deg C)
Non-operating	0 to 126 deg F	(-18 to 52 deg C)
Humidity	Up to 90% R.H.	

PERFORMANCE

Pressure accuracy	0.2% full scale (50 PSI)	
Pressure resolution	0.3 in H ₂ O	
Sensitivity adjustment	9 programmable settings	
Flow adjustment	9 programmable settings	

TESTING RANGE	In H ₂ O	PSI	KPa	CMH20
Min Burst	5	0.2	1.2	13
Max Burst	1,384	50	344	3,519
Min Creep	5	1	3	13
Max Creep	1,384	50	344	3,514

ORDERING INFORMATION

Part Number	13-25-00-0001
Description	Seal Integrity Strength Tester Model 2600
Dimensions	29 W x 38 L x 15 cm (11.4"W x 15.0"L x 6.0"H)
Weight	5.9 kg (13 lbs)

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